APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Structure and Function of the Cell, by I. B. Raykov, 6 pp.
RUSSIAN, per, Tsitologiya, Vol VII, No 2, Mar-Apr 1965, pp. 274-276.
JPRS 30895

USSR
Sci-B/M
Jul 65

282,974

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Study of Chromosome Activity in the Case of Continuous Inbreeding in Drosophila Melanogaster, by V. A. Lychev, RUSSIAN, per, Tsitologiya, Vol VII, 1965, pp 325-333.
NLL RTS 3789
ON LOAN LONLY

Sci-B&M
Jul 67

SR 330,584

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Ultrastructure of Transplanted Mouse C3HA Hepatomas. 1, Electron Microscopic Studies of Hetatomas 22 and 46, by E. I. Pyldvere, V. M. Brenler, 15 pp.
RUSSIAN, per, Tsitologiya, Vol 7, No 3, 1965, pp 378-377.
CFSTI TT-66-61486
HEW NIH No 4-31-66

324,351

Sci - Biol & Med
Apr 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Radioautographic Study of the Life Cycle of Cells in Solid Tumors. Phase G-0 in Cells of Hepatoma and Tumors of the Mammary Gland, by O. S. Frankfurt
RUSSIAN, per, Tsitologiia, Vol 7, No 3, 1965, pp 386-393.
NEW NIH
6-20-68

Sci-R&M
Sept 68 362,386

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

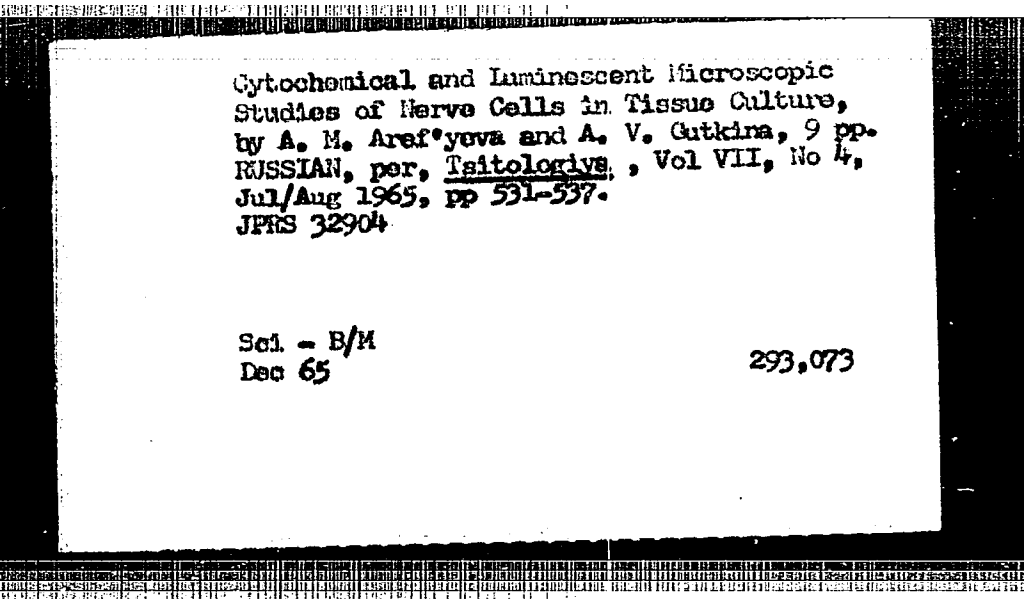
The Problem of Autoregulation in Cytology. III. Reactive Increase of Cellular Resistance to the Action of Injurious Agents (Adaptation), by V. Ya. Aleksandrov, 35 pp. RUSSIAN, per, Tsitologiya , Vol VII. No 4, Jul/Aug 1965, pp 447-466.
JPRS 32904

Sci - B/M
Dec 65

293,072

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



Cytochemical and Luminescent Microscopic Studies of Nerve Cells in Tissue Culture, by A. M. Aref'yeva and A. V. Gutkina, 9 pp. RUSSIAN, per, Tsitologiya, , Vol VII, No 4, Jul/Aug 1965, pp 531-537.
JPRS 32904

Sci. - B/M
Dec 65

293,073

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

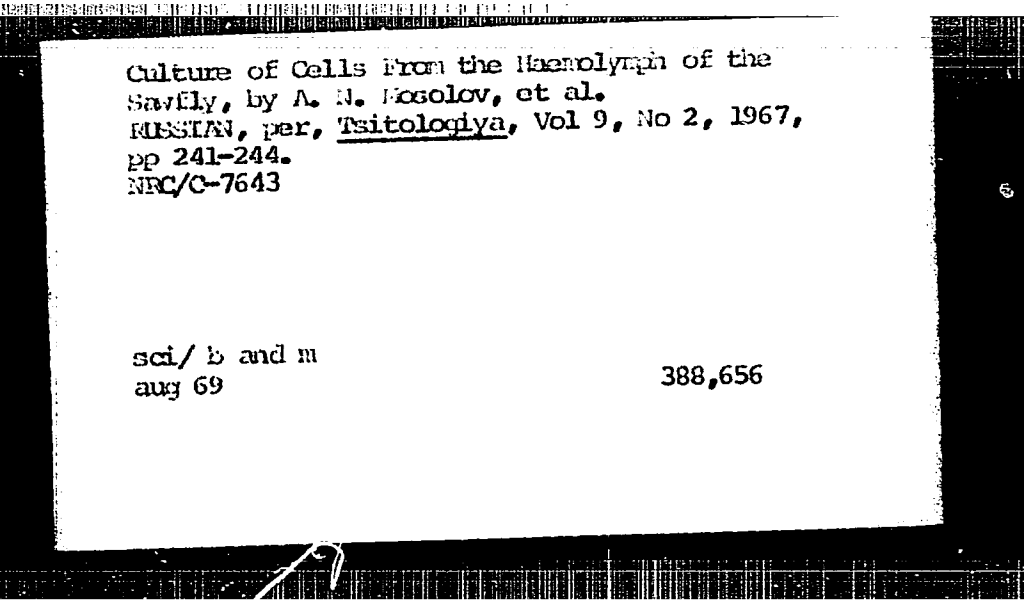
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Tryptophan Pyrrolase Activity in the Liver and in some Transplantable Hepatomas of C3HA Mice, by V. M. Bresler.
RUSSIAN, per. Tsitolog. Vol VII, No 5, 1965, pp 664-666.
HEW NIH No 4-32-66
CFSTI TT-66-61487

Sci - B/M
May 66 301,370

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



Culture of Cells From the Haemolymph of the Sawfly, by A. N. Kosolov, et al.
RUSSIAN, per, Tsitologiya, Vol 9, No 2, 1967, pp 241-244.
NRC/C-7643

sci/ b and m
aug 69

388,656

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Ability of Uredospores of Rust Fungi to Bind Nile Blue, by Yu. V. Peruanskiy, O. N. Peruanskaya, 5 pp.
RUSSIAN, per, Tsitologiya, Leningrad, Vol 9, No 4, 1967, pp 480-483.
JPRS 53854

Sept 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Rate of Synthesis of Different Fractions of Ribonucleic Acids in the Nuclei of Liver Cells in Ontogenesis, by Z. M. Sheresheverskaya, 10 pp. RUSSIAN, per, Tsitologiya, Vol 9, 1967, pp 547-552.
P911159768
AEC-BNL-Tr-198

Sci/B&M
Jul 68

361,218

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

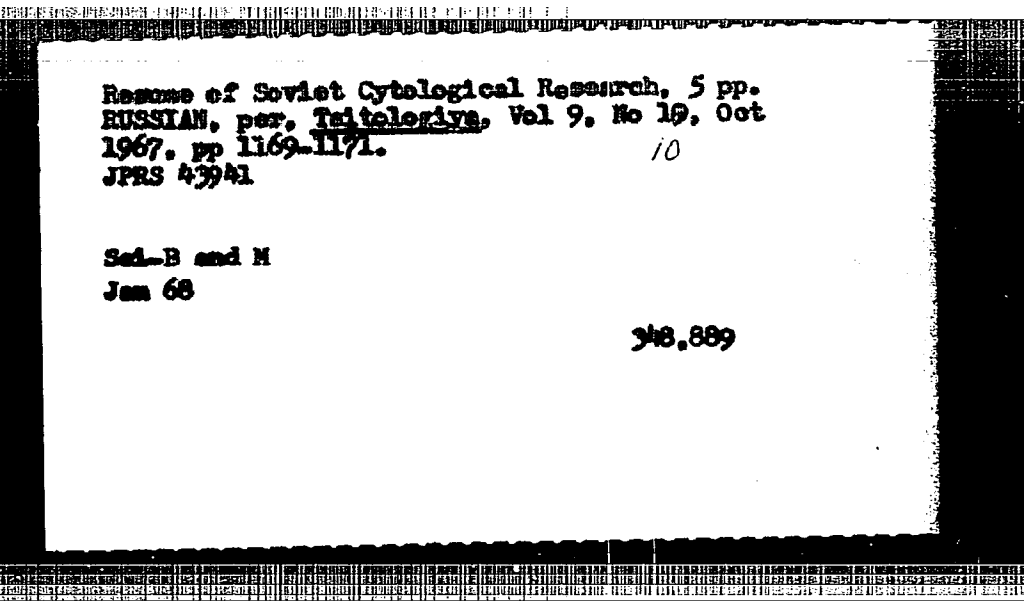
Mitotic Cycles of Leukemic Cells, by
L. P. Lipchina.
RUSSIAN, per. Tsitologiia. Vol 9, No 9, 1967.
pp 1093-1102.
HEW NIH
10-16-68

Sci-B and M
Jan 69

371.737

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



Resume of Soviet Cytological Research, 5 pp.
RUSSIAN, per. Tsitologiya, Vol 9, No 10, Oct
1967. pp 1169-1171. 10
JPRS 43941

Sci-B and M
Jan 68

348.889

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Electron Microscope Cell Research in the USSR,
by V. P. Mashanskiy, 19 pp.
RUSSIAN, per. Tsitologiya, Vol 9, No 10, Oct
1967, pp 1172-1180.
JPRS 43941

Sci-B and M
Jan 68

348,890

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Use of N-Acetylcolchamine as a Mitotic Poison, by
V. I. Khvalevskiy, F. Ya. Zusman, 5 pp.
GOVERNMENT USE ONLY
RUSSIAN, per, Tsitologiya, Vol 9, No 10, 1967,
pp 1310-1312.
AEM/FETC/HT-23-562-68

ACSI-J-6310

Sci/DAM
June 69

383,342

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Effect of Cortisone on Cell Division and the Activity of Thymidine Kinase and Thymidylate Kinase in Regenerating Liver of Rats, by V. P. Mal'kova. RUSSIAN, per, Tsitologiya, Vol 10, No 4, 1968, pp 476-480.
HEW NIH
11-8-69

Sci/B&M
Jan 70

401,149

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Effect of Temperature on Proteins: Studies with Fluorescence Method, by G. M. Barenboim, 18 pp.
RUSSIAN, per, Tsitologiya, No 10, 1968, pp 636-645
Dept of Navy/NMS 1524

Sci/B&M
Jul 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

A. T. Tkachev

On the Elaboration of Techniques for Producing Temporary Preparations for Studying Mitosis and Meiosis in the Buckwheat Fagopirum Eculentum Moench.
RUSSIAN, per, Tsitologiya, Vol 10, 1968,
pp 650-653
NTC 72-60508-02D

sept 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Microtubules in the Spermatids of Silkworm, by
L. V. Danilova, V. N. Vereiskaya, 13 pp.
RUSSIAN, per, Tsitologiya, Vol 10, No 6, 1968,
pp 684-689.
NTIS TT 70-57119

Apr 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Study of Certain Mechanisms of Proliferation of the Cells at Prolonged Cultivation Without Change of Medium, by V. V. Terskikh, G. G. Golisheva. RUSSIAN, per, Tsitologiya, Vol 10, No 6, 1968, pp 698-703.
HEW NIH
1-12-69

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

A Study of the Mitotic Indices and of the 3H-Thymidine Uptake by Cells of the Bone Marrow and Blood in Patient with Chronic Granulocytic Leukemia, by N. H. Mamayev.
RUSSIAN, per, Tsitologiya, Vol 10, No 7, 1968, pp 880-888.
NEW NIH
2-1-69

Sci/BAM
Apr 69

380,194

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

AEC

Uncl (LIB/Trans-305) EFFECT OF X-RADIATION ON THE DNA SYNTHESIS AND KINETICS OF CELL POPULATION IN THE REGENERATING RAT LIVER. 1. IRRADIATION OF CELLS AT THE G_1-PERIOD. Polishchuk, A. M. Translated by P. Pakalns (Australian Atomic Energy Commission Research Establishment, Lucas Heights), from Tsitologiya; 11: 48-55(Jan 1969). 18p.

biology and medicine; radiation effects; translations

ND-80 NP RC

Unlimited

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Chromosome Damages Induced by Measles Virus Vaccine Strain L-16 in a Culture of Human Amnion Cells, by N.S. Radyshich and M.A. Levenshtam, 16 pp.
RUSSIAN, per. Tsitologiya, Vol 11, No 4, 1969, pp 476-485.
ACSI-K-1065

Jan 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Production of Interferon by Human and Animal Macrophages and Leukocytes, by
V. I. Rudenko, Al. A. Smorodintsev, 13 pp.
RUSSIAN, per, Tsitologiya, Leningrad, No 8, 1969, pp 1039-1047.
JPRS 49480

Sci-B&M
Jan 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

AGENCY: HEW:PHS:BUREAU OF RADIOLOGICAL HEALTH
P.O. NO. BPA-FLD-94-73

9546/0156
22 March 1973

TITLE: ON THE MECHANISM OF ULTRASONIC EFFECT ON THE FROG SCIATIC NERVE.

SOURCE : ISITOLOGIYA VOL. XI, NO. 11, 1969 p1101-1104

LANGUAGE: RUSSIAN

INSTRUCTION: TYPE SINGLE SPACE

AUTHORS A.V.Lenskiy, P.O.Makarov, B.S.Tuchkov

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

On the Method for Analysis of Quantitative Indices in Cytology, by G.S. Katinas, 7 pp. RUSSIAN, per. Tsitologiya, Vol 12, No 3, 1970, pp 399-403.
ACSI-K-1063

Feb 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Atpase Pactivity in the Rat Kidney Revealed Using an Electron Microscope, by K. A. Zufarov.
RUSSIAN, per, Tsitologiya, Vol 12, No 5, 1970, pp 581-584.
*ACSI K-0895

Oct 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Role of the Nucleus and Nucleolus in the Secretory Cycle of Nectaries, by N. N. Kartashova. RUSSIAN, per, Tsitologiya, Vol 12, 1970, pp 754-759.
NTC 72-14198-06C
NLL as RTS 6848

Jan 73

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

A Cytochemical Study of Lactic Dehydrigenase Isoenzymes in Some Species of the Protozoa, by I. G. Berezina.
RUSSIAN, per, Tsitologiya, Vol 12, No 9, 1970, pp 1205-1208.
NTC 72-11151-06M
Nasa TTF-13624 9 pp

May 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Modelling Differentiation Processes of an Ideal Cell: And Dedifferentiation as an Act of Adaptation by Such a Cell, by G. A. Savost'yanov, 24 pp.
RUSSIAN, per, Teitologiya, Leningrad, Vol 13, No 3, 1971, pp 265-277.
JPRS 53360

July 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Changes in the Bioelectric Rest Potentials of Cells of Different Geno Types Under the Influence of High Tempertures, by V.G. Shakhbazo, 5 pp. RUSSIAN, per. Tsitolgiya i Genetika, Vol 4, No 4, 1970, pp 352-355. ACSI-K-1493

Mar 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Automatic Control Systems on Board of Aircraft,
by S. Byelogorodksiy. 18 pp.
RUSSIAN, per, Tsivilnaya Abiatsiya, No 6/8, 1968
pp 10-11, ~~20-21, 23~~.
FTD S-725 /A

434-69

july 69 384,296

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

On the Screen a Flying Field, by A. Goncharov. 4pp
RUSSIAN, per, Tsivilnaya Abiatsiya, No 6/8, 1968
pp ~~20-21?~~ 11 ?
FTD S-725 C

434-69

july 69 384,304

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Indicators of Piloting Systems, by
S. Byelogorodskiy, 7 pp.
RUSSIAN, per, Tsivilnaya Aviatsiya, No 6/8, 1968
pp 20-21?
FTD S 725-B

434-69

july 69 384,305

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

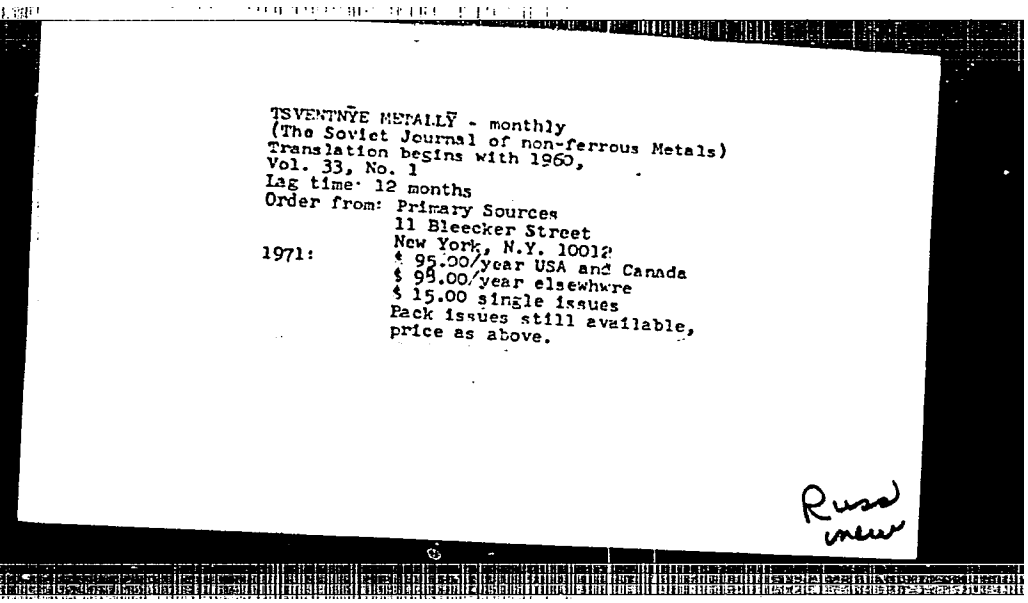
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Using the "Vil'nyus" Calculating Mechine, by Ye. P. Tishchenko. 78 pp.
RUSSIAN, rpt, TSSU SSSR. Galvnoye Upravleniye Vychislitel'nykh Rabot. Eksplutatsiya Vychisl Mashiny "Vil'nyus", 1967, pp 1-72.
AIR/FTD/HC-86-69

Sci-Elec
Dec 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



TSVETNYE METALLY - monthly
(The Soviet Journal of non-ferrous Metals)
Translation begins with 1960,
Vol. 33, No. 1
Lag time: 12 months
Order from: Primary Sources
11 Bleecker Street
New York, N.Y. 10012
1971: $ 95.00/year USA and Canada
$ 98.00/year elsewhwre
$ 15.00 single issues
Back issues still available,
price as above.

Russ
news

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Investigation of the "Ti-Al-Mo-Me" System of Alloys, by A. I. Khorev and V. N. Moiseyev, 8 pp RUSSIAN, per, Tsvetnyye Metally, No 1, 1965, pp 84-89
JPRS 29574

USSR
Sci-Mat/Met
Apr 65

277,777

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Nature of Plastic Deformation in Titanium Alloys Under Different Types of Stress, by L. P. Odinokova and I. N. Bogachev, 10 pp.
RUSSIAN, per, Tsvetnyye Metally, No. 2, Feb 1965, pp 71-77.
JPRS 29634

Sci-Mat/Met
Apr 65

278,924

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Purification of Zinc Sulphate Solutions in the Manufacture of High Purity Zinc Sulphate, by A.K. Evdokimova, A.I.Migina
RUSSIAN, per Tsvet. Metally, No. 3, 1965
pp 37-42
GB 72

Sci -
Aug 67

337-474

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Distribution of Current Load Among Conductor Rods During Baking of Electrolytic Aluminum Reduction Cells within Overhead Current Supply, by
A. I. Begunov, I. K. Skobcyev.
RUSSIAN, per, Tsvetn Metally, Vol 38, No 3, 1965, pp 53-60.
ATS RJ-5092

Sci-Elec
July 69

385,486

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Surface Effects at the Interface Between Carbon-Aceous Materiul and Coal Pitch, by I. F. Dukhorukov, RUSSIAN, per. Tsvetn Metally, Vol 38, No 3, 1965, pp 65-68.
ATS RJ-5093

Sci-Mat
July 69

385,487

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Microdynamics of the Coking of Binders in Pitch-coke Systems Baked on High-Temperature Pitch, by G. M. Dmitriyeva.
RUSSIAN, per, Tsvet Metal, Vol 39, No 12, 1966, pp 63-67.
ATS RJ-5437

Sci-Mat
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Study of the Degasification Process in Carbon-Pitch Mixes During Baking, by V. Z. Volkov. RUSSIAN, per, Tsvet Metal, Vol 40, No 1, 1967, pp 66-68.
ATS RJ-5436

Sci-Phys
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Effect of the Carbon Oxidation Inhibitors on the Behavior of Carbon Anode During the Electrolytic Production of Aluminum, by G. F. Vedernikov. RUSSIAN, per, Tsvet Metal, Vol 40, No 1, 1967, pp 69-72.
ATS RJ-5444

Sci-Chem
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

An Investigation of the Dependence of Anode Quality on the Number and Diameter of Anode Spikes in Electrolytic Aluminum Reduction Cells, by A. A. Dmitriyev.
RUSSIAN, per, Tsvet Metal, Vol 40, No 4, 1967, pp 47-52.
ATS RJ-5440

Sci-Mat

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Hydrodyamnic Conditions and Their Influence on the Gas Content and Conductivity of (Alumimum Reduction Cell) Electrolyte, by V. V. Nerubashchenko.
RUSSIAN, per, Tsvet Metal, Vol 40, No 4, 1967, pp 53-57.
ATS RJ-5449

Sci-Chem
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Analysis of the Conditions Contributing to the Migration of Sodium to Cathode Aluminum, by V. N. Senin.
RUSSIAN, per, Tsvet Metal, Vol 40, No 5, 1967, pp 53-57.
ATS RJ-5441

Sci-Chem
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Loss Rate of Aluminum in Cryolite-Alumina Melts, by O. P. Barsimanko.
RUSSIAN, per, Tsvet Metal, Vol 40, No 5, 1967, pp 61-64.
ATS RJ-5442

Sci-Chem
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Technology of Electrolytic Production of Aluminum with Low Metal Level in the Cells, by
D. I. Gerasimchuk.
RUSSIAN, per, Tsvet Metal, Vol 40, No 12, 1967,
pp 29-31.
ATS RJ-5445

Sci-Chem
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Thermal Self-Adjustment in Aluminum Reduction Cells,
by Ya. A. Yanko.
RUSSIAN, per, Tsvet Metal, Vol 41, No 10, 1968,
pp 72-74.
ATS RJ-5443

Sci-Phys
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Voltage Losses in Prebaked Anodes of Aluminum Reduction Cells, by Ye. G. Komarov, N. M. Tsyplakov. RUSSIAN, per, Tsvet Metal, Vol 42, No 7, 1969, pp 49-52.
ATS RJ-5439

Sci-Mat
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Electrode Processes During Electrolytic Precipitation of Gold from Thiourea Solutions, by R. Bek
RUSSIAN, per, Tsvetnye Metally , vol. 42, no. 11, 1969, pp. 69-73.
NTC 71-11106-11F

August 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

TSVETNYE METALLY

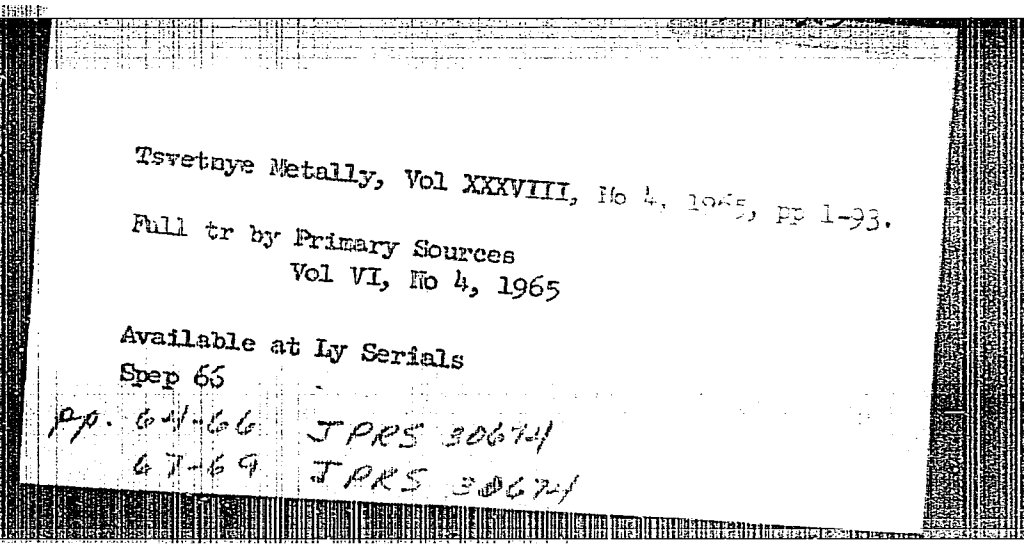
COVER - COVER: PRIMARY SOURCES

AVAIL. LY SERIALS

1965	Nos. 4, 6, 7, 8, 9, 10, 11, 12
1966	Nos. 1 - 12
1967	Nos. 1 - 12
1968	Nos. 1 - 12

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



Tsvetnye Metally, Vol XXXVIII, No 4, 1965, pp 1-93.

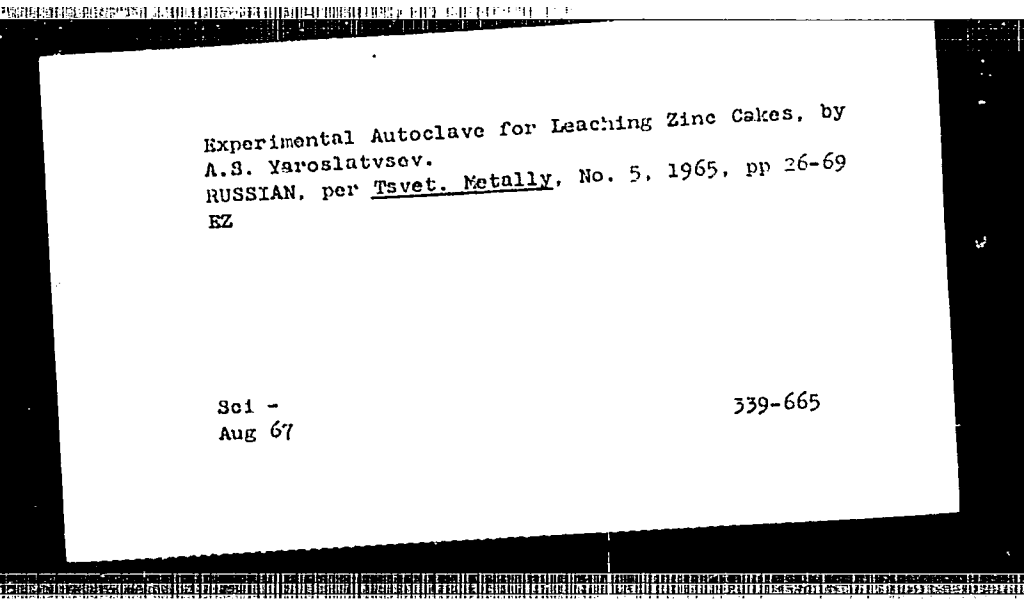
Full tr by Primary Sources
Vol VI, No 4, 1965

Available at Ly Serials
Sep 65

pp. 64-66 JPRS 30674
67-69 JPRS 30674

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



Experimental Autoclave for Leaching Zinc Cakes, by A.S. Yaroslatvsev.
RUSSIAN, per Tsvet. Metally, No. 5, 1965, pp 26-69
EZ

Sci -
Aug 67

339-665

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Use of Mathematical Statistics Methods for the Evaluation of Certain Performance Parameters of Electroyltic Aluminum Reduction Cells, by G. Ya. Nyurenberg.
RUSSIAN, per, Tsvetn Metally, Vol 38, No 5, 1965, pp 53-56.
ATS RJ-5086

Sci-Math
July 69

385,484

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Cold Extrusion of Clad Tubing, by M. S. Gil'dengorn, 5 pp.
RUSSIAN, per, Tsvetnyye Metally, No 5, May 1965, pp. 73-73.
JPRS 31078

USSR
Sci-M/M
Jul 65

283,159

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Ministry of Nonferrous Metallurgy and the New Five-Year Plan, by P. F. Lomako, 8 pp.
RUSSIAN, per, Tsvetnyye Metally, No 1, Jan 1966, pp. 1-6.
JPRS 34878

USSR
Econ
Apr 66 299,001

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Coruse of Tehbnical Progress in the Copper Industry, by V. I. Surin, et al, 10 pp.
RUSSIAN, per, Tsvetnyye Metally, No 2,
Feb 1966, pp 13-18.
DIA IN 286-66

Sci-M/M
Aug 66

307,350

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

High-Strength Titanium Alloys, by V. N. Moiseyev, S. G. Glazunov, B. M. Mikhaylov, 5 pp;
RUSSIAN, per, Tsvetnyye Metally, No 2, Feb 1966, pp. 80-82,
JPRS 35419

USSR
Sci-M/M
Jun 66

301,690

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Fourth Congress of the Scientific and Technical Society of Non-Ferrous Metallurgy, by Yu. T. Skornyakov, 10 pp.
RUSSIAN, per, Tsvetnyye Metally, No 2, Feb 1966, pp. 90-97.
JPRS 37703

USSR
Sci-Materials
Oct 66

311,917

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Investigation of the Dependence of the Current Efficiency During the Electrolysis of Aluminum on the Composition of the Gases, by P. S. Saakyan.
RUSSIAN, per, Tsvetn. Metally, Vol 39, No 3, 1966, pp 41-48.
Chem Trans Sv 2902

326,296

Sci - Materials
May 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

On the Calculation of Working Stresses During the Pressing of Hollow Shapes in Dies with Built-in Core Pins, by M. Z. Yermanok & L. S. Skoblow, 7 pp.
RUSSIAN, per. Tsvetnyye Metally, No 3, 1966, pp 74-77.
P100362567
FTD-HT-66-728

Sci/Mat
Jan 68

348,321

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Experience in Producing Cold-Pressed Semifinished Aluminum Alloy Products, by L. Kh. Raytbarg, 2 pp. RUSSIAN, per. Tsvetnyye Metally, No 4, 1966, pp 76-77.
AIR/FTD/HT-23-855-67

Sci-Mat
Nov 68

368.156

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Tool for Cold Extrusion of Pipes from Aluminum Alloys, by G. G. Epshteyn and K. I. Melkov, 7 pp.
RUSSIAN, per, Tsvetnyye Metally, No 5, 1966, pp 75-79.
P100256768-V
FTD-HT-23-931-67

Sci-Mechanical Engr.
Oct 68

366,158

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Outpacing Growth of Rare Metal Production Is Vital to Technical Progress, by A. P. Sazhin, 5 pp.
RUSSIAN, per, Tsvetnye Metally, No. 6, June 1966, pp. 1-4.
JPRS 38255

USSR
Econ
Nov 66

312,768

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Agency : Bureau of Mines R-13048-D
P.O.No. P3110924 6 April 71

Title: On the interconnection of the Zinc blend semiconductor properties with its flotation behavior.

Author: I.N.Plaksin, V.A.Chanturiya, S. Knet'

Source: Tsvetnaya Metallurgiya, No. 6, 1966 pp3-5

Language: Russian

Instructions: Please translate [illegible]

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Selective Conditioning of Minerals in the Aerated Suspensions of the Flotation Reagents Prior to Electric Separation.
RUSSIAN, per, Tsvetnye Metally, Vol 39, No 6, 1966, pp 12-15.
DIA LN 523-71

Aug 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Reasons for Losses Occurring in Slags, by Yu. V. Tsvetkov.
RUSSIAN, per, Tsvetnye Metally, Vol 39, No 6, 1966, pp 44-47
NTC 72-12183-11F

July 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Rolling Titanium-Steel Bimetal in a Vacuum and in an Inert Medium, by F. Ye. Dolzhenkov, Yu. I. Krivonosov, L. A. Zakharov, 6 pp.
RUSSIAN, per, Tsvetnyye Metally, No 6, June 1966, pp 77-80.
JPRS 37525

USSR
Sci-Materials
Sept 66

311,693

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Bonding Strength of Aluminum AMg6-Steel Kh18N10T Bimetal Layer, by V. K. Korol' and N. D. Lukashkin, 6 pp.
RUSSIAN, per. Tsvetnyye Metally, No 6, Jun 1966, pp. 80-82.
JPRS 37525

USSR
Sci-Materials
Sept 66

311,694

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Processing of Nickel Fusion With Additives of Magnesium, Cerium and Zirconium, by G. M. Volkogon, 6 pp.
RUSSIAN, per, Tsvetn. Metal, Vol 39, No 6, 1966, pp 85-88. P911283167
AEC ORNL Tr-1642
JPRS 38370

336,961

Sci - Materials
Sep 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Effect of Ultrasonic Vibrations on the Structure of Molybdenum Subjected to Electron-Beam Melting, by G. F. Zaboronok, V. B. Milova, M. D. Polyakova, T. V. Simonishvili, 5 pp. RUSSIAN, per, Tsvetnyye Metally, No 7, Jul 1966, pp. 83-85. JPRS 37746

USSR
Sci-Materials
Oct 66

311,852

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Influence of Additives on the Properties of Titanium Alloys, by A. I. Khorev, S. G. Glazunov and L. G. Mukhina, 8 pp.
RUSSIAN, per, Tsvetnyye Metally, No 7, Jul 1966, pp. 86-88.
JPRS 38370

USSR
Sci-Materials
Nov 66

313.764

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Features of the Diffusion Reaction in Aluminized Iron With a Core of Vacuum-Melted Iron, by
M. I. Lainer, et al.
RUSSIAN, per, Tsvetnye Metally, Vol 39, No 7, 1966, pp 89-91.
MB 6961

Sci/Materials
Dec 66

314,327

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Towards the Further Expansion of Non-Ferrous Metallurgy, by P. Lomako, 14 pp.
RUSSIAN, per, Tsvetnyye Metally, No. 8, Aug 1966, pp. 1-14.
JPRS 41039

USSR
Econ
June 67

323,649

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

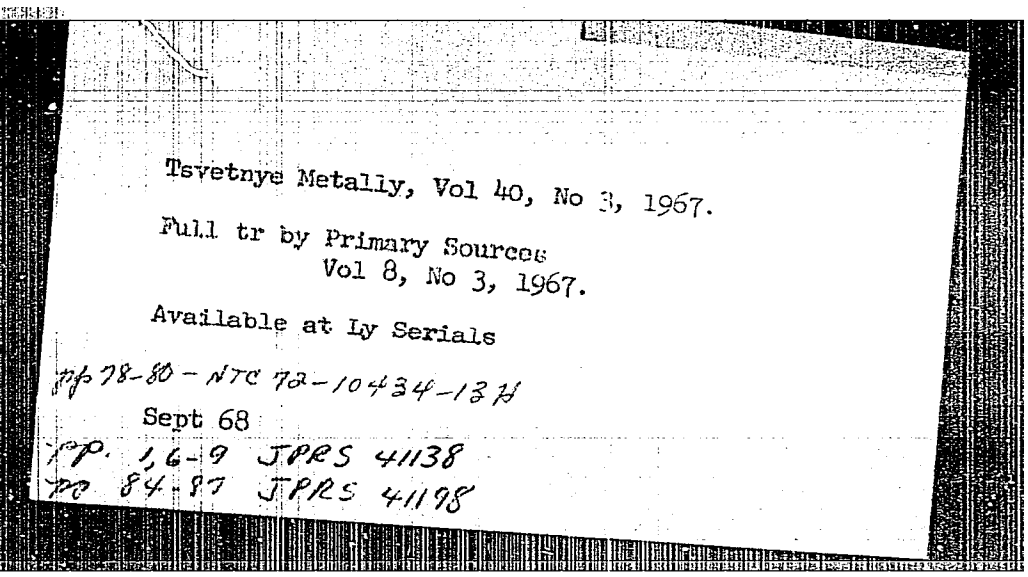
Mastering the Rolling of Round Shapes From Titanium Alloys, by N. Ye Krasnikov, S. A. Kushakovich, P. Ya. Tokmakov, K. A. Kazakov, O. K. Shilin, Yu. P. Gritsenko and G. I. Matveyev, 7 pp.
RUSSIAN,per. Tsvetnyye Metally, No 8, Aug 1966, pp. 77-80.
JPRS 38370

USSR
Sci-Materials
Nov 66

313.766

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



Tsvetnye Metally, Vol 40, No 3, 1967.

Full tr by Primary Sources
Vol 8, No 3, 1967.

Available at Ly Serials

PB 178-80 - NTC 72-10434-13H

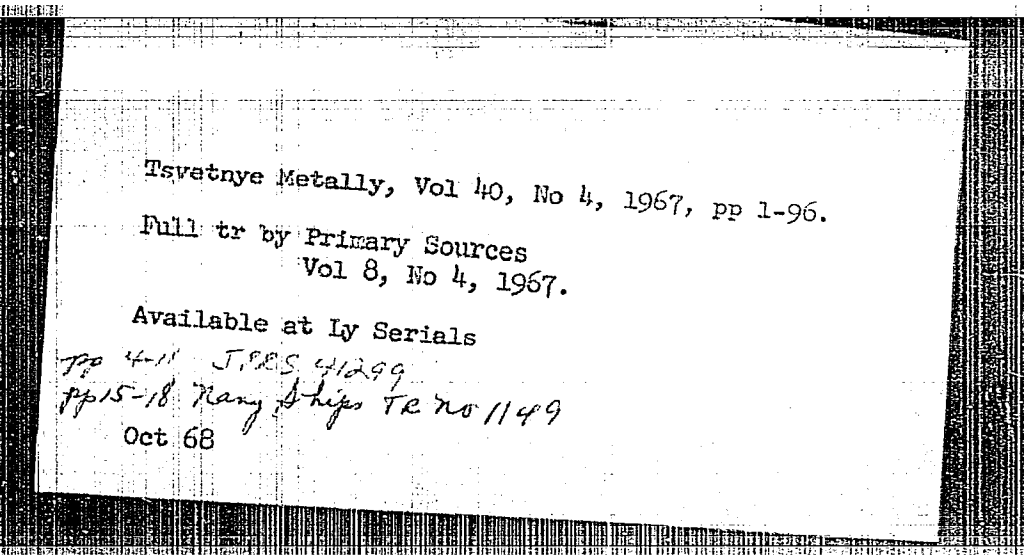
Sept 68

pp. 1,6-9 JPRS 41138

pp 84-87 JPRS 41198

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



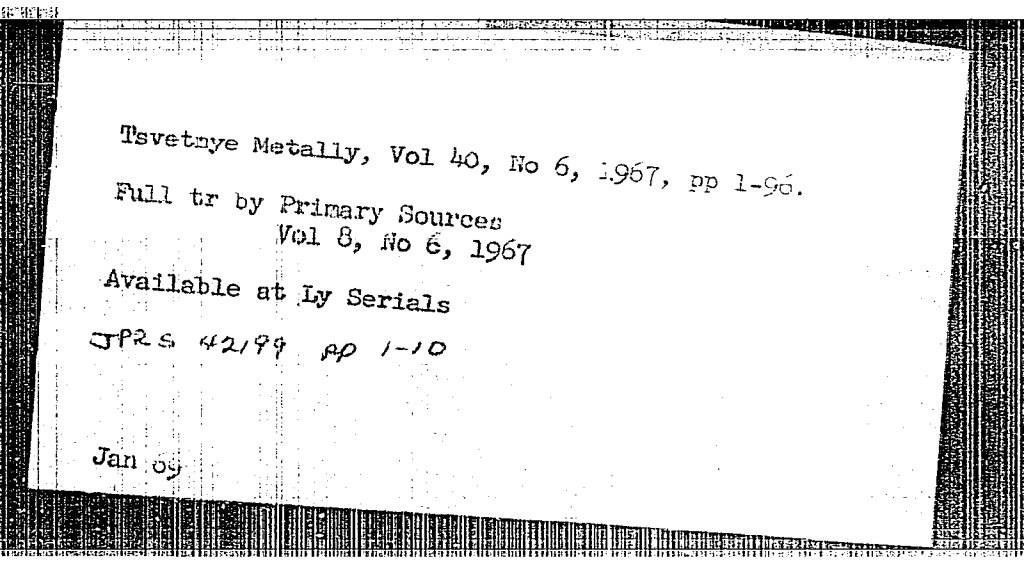
Tsvetnye Metally, Vol 40, No 4, 1967, pp 1-96.

Full tr by Primary Sources
Vol 8, No 4, 1967.

Available at Ly Serials
pp 4-11 T.285 41299
pp15-18 Navy Ships Tr No 11149
Oct 68

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



Tsvetnye Metally, Vol 40, No 6, 1967, pp 1-96.

Full tr by Primary Sources
Vol 8, No 6, 1967

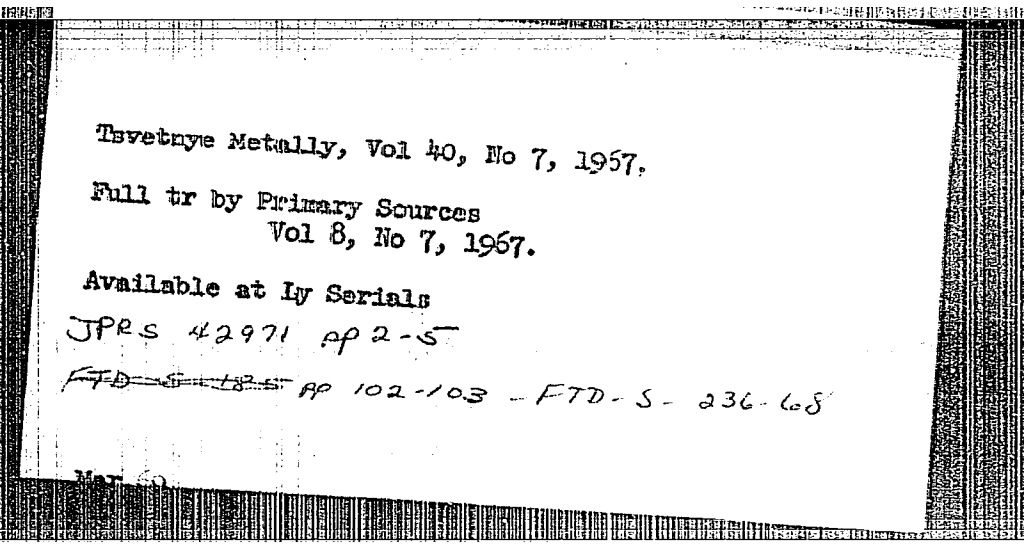
Available at Ly Serials

JPRS 42199 pp 1-10

Jan 69

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



Tsvetnye Metally, Vol 40, No 7, 1967.

Full tr by Primary Sources
Vol 8, No 7, 1967.

Available at Ly Serials

JPRS 42971 ap 2-5

~~FTD-S-68-5~~ AP 102-103 - FTD-S-236-68

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Tsvetnye Metally, Vol 40, No 8, 1967, pp 1-93.

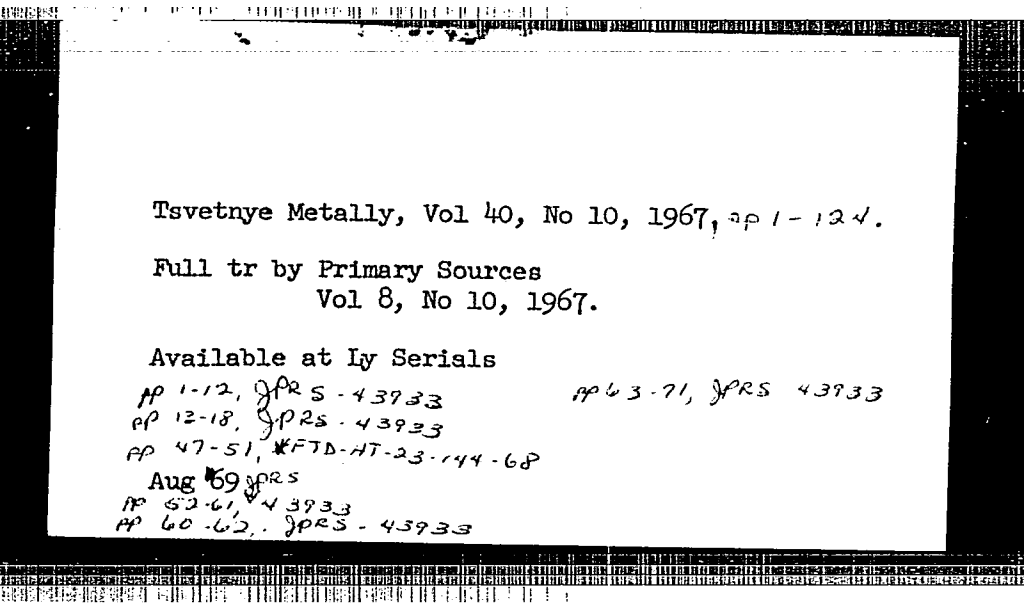
Full tr by The Primary Sources
Vol 8, No 8, 1967.

Available at Ly Serials

JPRS 43104 pp 1-5
JPRS 43104 pp 5-13
AIR/FTD/HT-23-1533-67 pp 86-88
Apr 69 DIA LN 532-71, pp 44-50

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



Tsvetnye Metally, Vol 40, No 10, 1967, pp 1-124.

Full tr by Primary Sources
Vol 8, No 10, 1967.

Available at Ly Serials
pp 1-12, JPRS-43933
pp 12-18, JPRS-43933
pp 47-51, FTD-HT-23-144-68
Aug 69 JPRS
pp 52-61, 43933
pp 60-62, JPRS-43933
pp 63-71, JPRS 43933

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Tsvetnye Metally, Vol 41, No 1, 1968. pp 1-6.

Full text in Primary Sources
Vol 9, No 1, 1969

Available at Ly Serials
JPRS 44,981 pp 1-6
JPRS 44,782 pp 7-10

Oct 69

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Drum Materials for Vacuum Rolling of Molybdenum, by Ya. B. Gurevich. RUSSIAN, per, Tsvetnye Metally, No 3, 1968, pp 78-80.
NTC 72-10434-13H

Apr 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

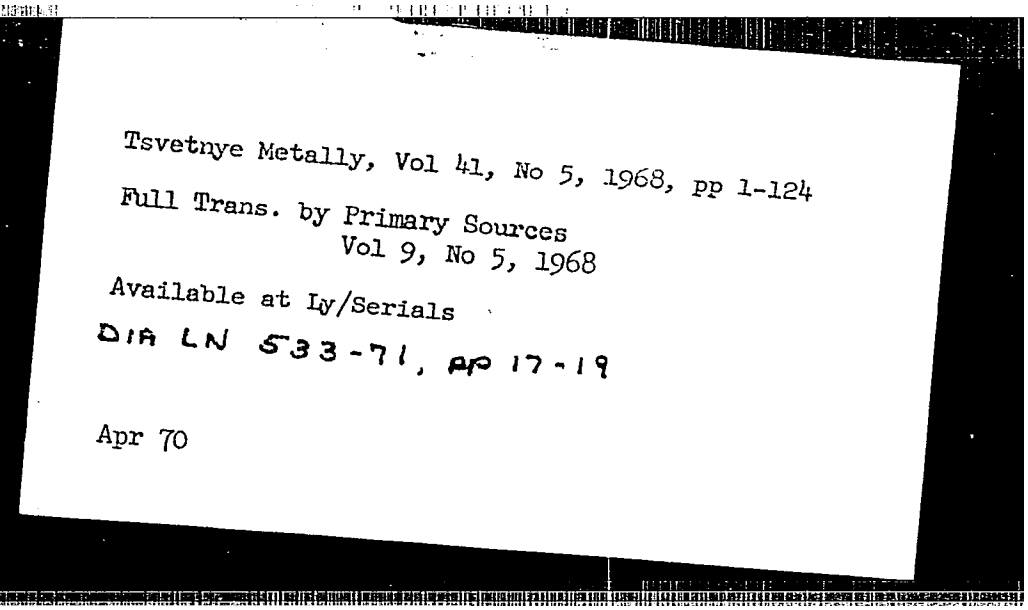
Tsvetnye Metally, Vol 41, No 4, 1968, pp 1-92.

Full tr by Primary Sources
Vol 9, No 4, 1968

Available at Ly Serials
YPRS 45894 pp 32-34
FTD Sp. NT-507-69 - pp 77-79
NTC-71-11218-11F - pp 72-75
Feb 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



Tsvetnye Metally, Vol 41, No 5, 1968, pp 1-124

Full Trans. by Primary Sources
Vol 9, No 5, 1968

Available at Ly/Serials

DIA LN 533-71, AP 17-19

Apr 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Artificial Cooling of the Vertical-spike Soderberg-type Aluminum Reduction Cell Anode, by M. A. Korobov.
RUSSIAN, per, Tsvet Met, Vol 41, No 6, 1968, pp 52-55.
ATS-RJ-5278

Sci-Materials
Mar 70

403,222

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Friction and Viscosity Coefficients of Electrode Pastes for Graphite Production, by S. V. Shulepov RUSSIAN, per, Tsvetnyye Metally, Vol 41, No 6, 1968, pp 62-66.
FTD HT Special 606-69

dec 69

398,586

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Refining of Aluminum and its Alloys by Ultrasonic Vibrations, by V. A. Livanov, et al. 7 pp. RUSSIAN, per, Tsvetnyye Metally, No 6, 1968, pp 82-84.
FTD S-701
354-69

july 69

384,272

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Calculating the Heat-evolution in Metal Extrusion Processes, by L. G. Stepansky, et al.
RUSSIAN, per, Tsvetnyye Metally, No 6, 1968, pp 85-87.
FTD HT Speical 506-69

sci/
oct 69

395,313

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Improving the Quality of the Carbon Blocks for Lining Aluminum Reduction Cells, by R. V. Svoboda. RUSSIAN, per, Tsvetn Metally, Vol 41, No 7, 1968, pp 56-58.
ATS RJ-5096

Sci-Mat
July 69

385,488

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Production of Thinwalled D16 Alloy Tubes in Vertical Press, by Ivanov, Rakhamov, et al. RUSSIAN, per, Tsvetnyye Metally, No 7, 1968, pp 72-74.
FTD HT Speical 526-69

oct 69

395,317

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

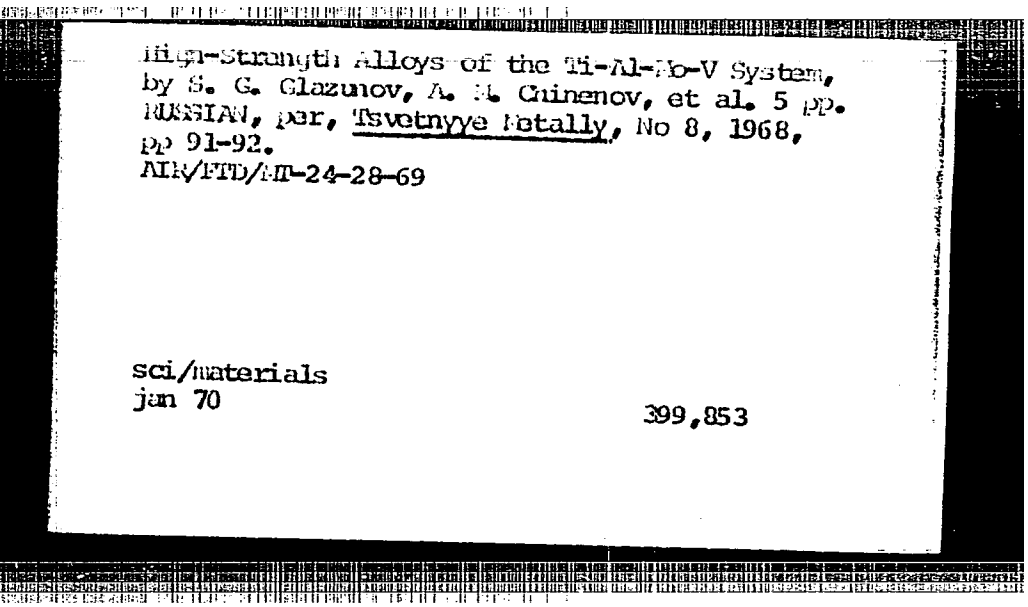
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

The Direction of Planning and Choice of Rational Design Solutions for Modern Aluminum Plants, by A. Ye. Boxhanov.
RUSSIAN, per, Tsvet Metal, Vol 41, No 8, 1968, pp 5-9.
ATS RJ-5422

Sci-Mech
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2



High-Strength Alloys of the Ti-Al-Mo-V System,
by S. G. Glazunov, A. A. Chinenov, et al. 5 pp.
RUSSIAN, per, Tsvetnyye Metally, No 8, 1968,
pp 91-92.
AIR/FTD/MT-24-28-69

sci/materials
jan 70

399,853

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Progress of Nonferrous Metallurgy Discussed, by Ya. P. Shcyn, 6 pp.
RUSSIAN, rpt. Tsvetnyye Metally, Moscow, Sept 1968, pp 1-4.
JPRS 47485

FTD-S-485

Sci-Mat
Mar 69

374,814

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2

Effect of the Addition of NaCl + LiF on the Fusibility and Polarization Electromotive Force of the Electrolyte of Aluminum Reduction Cells, by A. V. Vakhobov.
RUSSIAN, per, Tsvet Metal, Vol 41, No 9, 1968, pp 60-62.
ATS RJ-5428

Sci-Phys
June 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000301000020-2